

Technology in Rural Transportation

A recent study documented more than eighty proven, cost-effective, "low-tech" solutions to rural transportation needs, most developed or implemented by local transportation professionals. One of these solutions is outlined below:



Learn all about the simple solutions on the Internet at <http://inform.enterprise.prog.org>

The simple solutions report is available from Hau To at (503) 892-2533, or email: to@crc-corp.com

Closed Circuit TV

Overall goal:	To provide a monitoring system and to supply images to the Internet site
Technical approach:	Oregon has deployed a number of cameras that are able to display still images on Internet sites. Cameras are typically installed at weather stations. An image capture device triggers the camera to capture an image every 5-15 minutes, depending upon need. The device then connects to a local Internet Service Provider and transmits the image over the Internet.
Current status:	Additional cameras are to be added when needed.
Location / geographic scope:	Key rural areas, primarily mountain passes.
Agencies involved:	Oregon Department of Transportation
Cost information:	Installation costs per camera are approximately \$3,000. Operations and maintenance costs are minimal.
Key contacts:	Robert Fynn, ODOT ITS unit, (503) 986-3588
Have goals been achieved?	Cameras are one of the popular areas of ODOT's site. The public enjoys seeing the images of conditions. ODOT is still gathering information from the public in terms of overall reactions.
Solution timeline:	ODOT currently has over 80 cameras deployed, and operational, over half of which are in the Portland metropolitan area. Additional cameras are



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added as funds are available and the need is present. Camera installation can typically be done in half a day.

